# Polaview 110
## LCD Projector
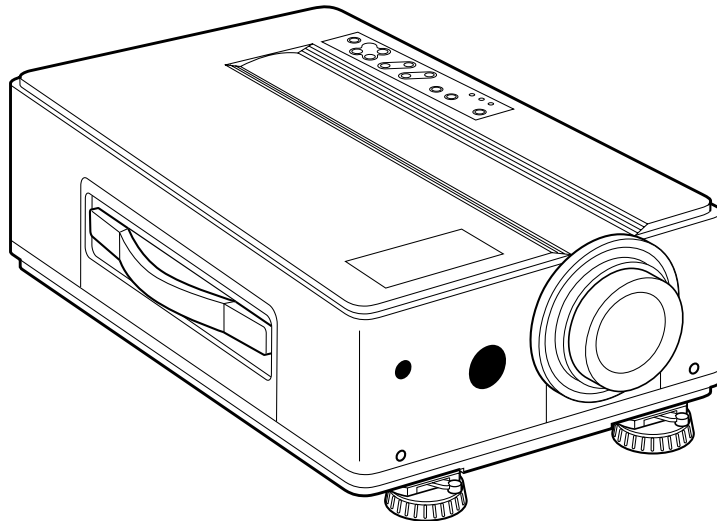
*Click to see more*

# Table of Contents

# Product
# Overview

## The Polaview 110 LCD Projector — Product Description/Positioning

*Give your presentations the light of day!*

Now you can present your computer or video images in any lighting condition using the Polaview 110 LCD Projector from Polaroid – the industry's brightest portable multimedia projector.

Packed with the power of 500 ANSI lumens and metal halide lamp, you can use your Polaview 110 in any meeting room setting with the assurance that you are projecting ultra bright images. And, you have total control of your presentation from any vantage point. The advanced cordless remote control includes a built-in "joystick" for managing the on-screen mouse cursor.

# Polaview 110 LCD Projector

The Polaview 110 is bright enough to use in boardrooms, conference rooms or auditoriums. It has a motorized 1.6 to 1 zoom lens and remote focus control. You can also project your images ranging from 18 inches to 33 feet diagonally. The Polaview 110 can be installed as a ceiling-mounted or rear-projection device.

Multiple inputs allow you to connect two computers and two video sources simultaneously. The Polaview 110 supports most international video standards (NTSC, PAL, SECAM and S-Video) and it has built-in speakers, creating a superb multimedia presentation tool for interactive sessions, training, and showcase presentations.

## The Polaview 110 LCD Projector – At a glance

- Projects 16.7 million fully saturated vivid colors

- Supports true VGA (640 x 480) resolution

- 500 ANSI lumens power for maximum brightness

- Polysilicon active-matrix LCDs and dichroic filters deliver sharp images

- Compatible with Macintosh, Power Macintosh, PowerBook, IBM PC, PS/2 and PC compatibles

- Includes inputs for two computer and two video sources, plus four stereo audio inputs

- Projects up to 33.3 feet or 10.2m diagonally

# Polaview 110 LCD Projector

- Cordless remote control includes zoom, focus, and mouse control via "joystick"

- Motorized 1.6:1 zoom lens allows placement in the front, middle or rear of the room

- Weighs just 23 pounds (10.5 kg)

The Polaview 110 LCD Projector is part of the Polaroid Digital Imaging family of products including other LCD panels and projectors, as well as film scanners, color film recorders and digital cameras.

## Polaview 110 Features and Benefits

- **Polysilicon Active Matrix LCDs (3 - 1.3" LCDs)**
  Provides superior projection of data and video images in fully-lit meeting rooms.

- **16.7 million colors**
  Exceptional color rendition for superior image quality.

- **Optimized optical system**
  Increased image quality and brightness.

- **500 ANSI lumens**
  Exceptionally bright, especially useful in fully lighted meeting rooms.

- **Wide computer compatibility**
  Projector ships to support both PC and Macintosh environments for user flexibility.

# Polaview 110 LCD Projector

- **Superior ergonomic design**
  Small footprint, low profile for unobstructed audience viewing.

- **Built-in NTSC, PAL and S-Video**
  Extend your worldwide presentation capabilities to multimedia performance.

- **Multiple computer and video inputs**
  A multimedia powerhouse. Two computer, two video, and audio inputs.

- **Mechanized 1.6 to 1 zoom lens**
  Allows users the flexibility to position the unit anywhere in the room and adjust a projected diagonal image from 54" to 400".

- **Automatic keystone correction**
  Projects crisp, square image higher on the wall.

- **Remote mouse control with "joystick"**
  Remote control allows mouse-like control of PC and projector including zoom and focus from anywhere in the room.

# Polaview 110 LCD Projector

- **Redundant control panel**
  For increased presenter confidence, the significant controls on the remote are duplicated on the projector.

- **Integrated stereo audio**
  Multimedia capabilities with built-in speaker and amplifier for stereo sound.

- **Supports SVGA resolution**
  Compatibility with SVGA images (800 x 600 resolution compressed).

- **Universal "auto-switching" power supply**
  Designed for worldwide use.

- **Optimal "Cyclops" interactive pointer**
  Precise point-and-click control from the projected image.

# Polaview 110 LCD Projector

## Technical specifications

| | |
|---|---|
| **Sources** | Computer: 2 independent computer inputs (PC and/or Macintosh) |
| | Video: 2 independent video inputs |
| | Audio: 2 stereo audio inputs |

**What's included**

- Infrared remote control with joystick mouse control
- Universal I.E.C. power cord (U.S., UK, and Europe)
- Product documentation
- Lens cap
- Two AA batteries, VGA video cable, RS-232 cable, Macintosh video adapter cable, composite video/audio cable, computer audio cable

# Polaview 110 LCD Projector

| | |
|---|---|
| **Computer Compatibility** | IBM PC, PS/2 and compatibles Apple Macintosh, Power Macintosh, and Power-Book families |
| **Video Compatibility** | NTSC M 3.58 MHz, PAL G, B, H, I, N 4.43 MHz, SECAM 4.43 MHz |
| **Resolutions Supported** | VGA (640 x 480) and SVGA compressed (800 x 600) |
| **Number of Colors** | 16.7 million |
| **Panel Technology** | 1.3 in. polysilicon TFT (Thin Film Transistor) X 3 |
| **Focus Distance** | 1.83 ft to infinity (.56 m to infinity) |
| **Contrast Ratio** | 200:1 (typical) |
| **Brightness** | 500 ANSI lumens (typical) |

# Polaview 110 LCD Projector

| | |
|---|---|
| **Lamp** | 250 watt metal halide |
| **Dimensions** | 12 in. (W) x 6.5 in. (L) x 17 in. (H) |
| | 308 mm (W) x 169 mm (L) x 432 mm (H) |
| **Weight** | 23 lb (10.5 kg) |
| **Outputs** | Monitor out (PC or Macintosh) |
| | Stereo audio (0-200mv) |
| | RS-232 port (bi-directional) |
| | Cyclops |
| **Projection Lens (Zoom)** | f/3.0 (wide) to f/3.8 (telephoto) motorized zoom and focus (remote and control panel support) |
| | 1.83 in. to 2.93 in. (46.5 mm to 74.4 mm) focal length |
| **Screen Size (diagonal)** | Adjustable from 18 in. to 33.3 ft (.45 m to 10.2m) |

# Polaview 110 LCD Projector

**Remote Control**   Including zoom and focus control, joystick

**Audio**   Internal monitor speaker
Audio following video switching
Line-level stereo audio out

**Power Requirements**   Auto switching 100 – 120 VAC, 220 – 240 VAC

**Power Consumption**   355 watts

**Approvals**   FCC Class A, UL, cUL, CE and TUV

**Operation Temperature**   (Sea Level) 40°F (5°C) to 95°F (35°C)

**Warranty**   One year on projector parts and labor
(excluding lamp)

## Cyclops Interactive Pointer System
## for Polaview LCD 110 Projector

### Overview

The remarkable Cyclops interactive pointer is a cordless "mouse" for computer-based presentations. Simply touch the Cyclops wand to the projected image, press the button, and presto — a mouse click is simulated. Or, use the optional laser pointer to control your presentations from up to 25 feet away from the projection screen.

The interactive pointer system gives you complete remote control of your computer application software. Point to the screen and the cursor snaps into position ready to perform the mouse operations your software supports. Select menu items, activate "hot" buttons, and drag-and-drop text and icons at the screen, or from across the room using the optional laser pointer.

## Features & Benefits

- **Intuitive, easy-to-use pointer**
  Focuses audience attention on the projected image.

- **Computer software control**
  Frees presenter from the computer, which allows greater inter-action with the audience.

- **Mouse emulation**
  Provides control over applications by remotely performing mouse operations, such as selecting menu items or clicking on icons.

- **Absolute pointing device**
  Instantaneous cursor response, versus delayed response of a relative pointing device.

# Polaview 110 LCD Projector

- **Wide computer compatibility**
  Works with virtually any computer and software, including Apple Macintosh, Windows 3.x, OS/2.2x, OS/2 Warp, SUN, OS, Solaris, and selected DOS applications.

- **Optional laser pointer**
  Provides cordless mouse control from up to 25 feet from screen.

- **Compatible with Polaview projectors**
  Compatible with your Polaview Desktop projection system.

# Polaview 110 LCD Projector

## Technical specifications

**What's included**
- Cyclops Camera Eye
- Cyclops Wand
- RS/232 Serial Cable with adapter (9/25)
- Macintosh ADB Y-Cable
- Drive Software for Window 2.X, OS/2, and Selected DOS applications, Macintosh System 6.X and 7.X
- Two AAA Batteries (for Cyclops wand)
- Software Installation Guide for PC and Macintosh

| | |
|---|---|
| **IBM compatibility** | • Windows 3.X |
| | • OS/2, 2.X and OS/2 Warp |
| | • DOS 2.1 (or later) with Cyclops-compatible DOS applications (current applications include SPC Harvard Graphics versions 2.3 and 3.0 and IBM Storyboard Live) |
| | **Note:** For DOS and Windows, Cyclops supports concurrent use with all Microsoft compatible mice using Microsoft driver version 6.2X or later. |
| **Apple compatibility** | Apple Macintosh II, Quadra, Centris, Performa, and PowerBook |
| | Apple Power Macintosh (running Apple system Software 7.X) |
| | Apple Classic, Classic II, LC, SE, SE/30 (requires Apple System Software 6.X of later) |

# Polaview 110 LCD Projector

| | |
|---|---|
| **Power requirements** | Supplied by projection system |
| **Dimensions** | 2.94 in (L) x 3.44 in (W) x 2.80 in (H)<br>75mm (L) x 87.4mm (W) x 71mm (H) |
| **Weight** | 8.5 oz (240g) |
| **Warranty** | One year on parts and labor. |

## Cyclops wand

| | |
|---|---|
| **Power requirements** | Two AAA batteries (included) |
| **Dimensions** | 36 in. (L) x 1.25 in. (W) x 2.25 in. (H)<br>914 mm (L) x 32 mm (W) x 57 mm (H) |
| **Dimensions**<br>*(assembled)* | 1.25 in (W) x 36 in. (L) x 2.25 in (H)<br>32 mm (W) x 914 mm (L) x 57 mm (H) |

# Polaview 110 LCD Projector

| | |
|---|---|
| **Weight** *(with batteries)* | 14 ounces (397g) |
| **Power required** | Two AAA alkaline batteries |
| **Battery life** | Approximately 20 hours under normal use |

## Cyclops camera

| | |
|---|---|
| **Dimensions** | 2.94 in. (L) x 3.44 in. (W) x 2.80 in. (H) <br> 75mm (L) x 87.4 mm (W) x 41.1 mm (H) |
| **Weight** | .53 lbs (.24 kg) |
| **Power** | +5V @ 200 mA, +12V @ 150 mA |
| **Projection distance** | 6.0-10.0 feet, 2.0-3.3 meters |

## What's in the box?

The Cyclops interactive pointer system allows users to control the computer's mouse cursor by pointing at the projected image with a hand-held wand or laser pointer, making it easy to interact with the audience.

### Your Cyclops kit contains:

- Cyclops camera
- Cyclops Cables (PC serial and Macintosh ADB)
- Cyclops Cyclops wand
- Cyclops Cyclops software diskettes
- Cyclops Cyclops User's Guide
- Cyclops Product registration card

### Tools required:

- Cyclops Phillips (crosspoint) screwdriver

## Help when you need it.

For help setting up the Cyclops interactive pointer system, customers may call the dealer's technical support line and explain the problem. If your dealer cannot solve the problem, call toll free the Technical Hotline at 800-432-5355. In Canada call toll free at 800-268-6970.

*Click to see more*

# Markets &
# Applications

## Target Markets and Applications

### Target Markets

- Business

- Education

- Government

  Better than 60% of the units are sold into businesses. The three largest uses of LCD projectors in business are:

- Presentations.

- Product demonstrations (particularly for personal computing hardware and software products)

- Training (on both computer and non-computer products)

## Applications

The Polaroid Polaview LCD projectors are designed to increase the productivity of work groups and the effectiveness of presenters. The examples on the following pages show the ways in which they can increase the efficiency of information exchange.

## Presentation Settings

### Executive Briefings

A presenter can quickly and easily prepare and deliver a presentation to a board of directors, financial conference or similar audience using the Polaview series together with any of several widely available presentation software packages. Since the preparation of a presentation to be delivered with an LCD projection device does not require the assistance of 3rd party suppliers, long lead times are not required and information can be easily updated. The presenter can prepare additional backup material in anticipation of questions which may be asked by the audience, knowing that the backup material can be easily accessed at any time during the presentation if needed. Presenters in executive briefing settings typically value such features as superior image quality and brightness, color range, multimedia capability, portability, ease of use and the ability to access any part of the presentation non-sequentially. They also value the infrared remote mouse, which enables the presenter to control the presentation while walking around the room interacting with the audience.

## Sales Presentations

Because of the Polaview line's portability, a salesperson can easily carry it to a customer site. Using the LCD projector together with any of several widely available presentation software packages, a salesperson can tailor a presentation to a particular customer situation. For example, a salesperson can go into more detail when meeting with the customer's technical team and less detail at a trade show presentation. While traveling, the salesperson can use a notebook computer to customize a presentation to suit each customer. Salespersons typically value such projection system features as portability, brightness, image quality, the ability to access parts of the presentation non-sequentially and the ability to customize presentations easily.

■ ■ ■

*continued* ▶

## Training and Education

The Polaview LCD products are used extensively for training and education purposes. In a software training course, for instance, the instructor can project a screen for the entire class, allowing the group to study the material simultaneously and allowing the instructor to provide real-time examples and instruction. Instructors typically value such features as portability, affordability, interactively, and image brightness.

## Product Design

Scientists, engineers, and product designers can use the Polaview LCD product series for group design reviews, project scheduling and management reporting. While evaluating the design or project schedule together, the group can also make changes, see the changes, and see their results immediately. In addition, technical simulations can be run in a group setting. Prior to the advent of LCD projection products, these groups were limited to reviewing static drawings or printed materials, offering suggestions or modifications and then waiting for a revised version to be generated and circulated. Product design groups typically value such features as portability, high resolution, color and brightness.

*Click to see more*

# Competitive
# Analysis

# Polaview 110 LCD Projector

## Competition-at-a-glance – 1

|  | Polaroid Polaview 110 | Epson ELP-3300 | In Focus LitePro 580 |
|---|---|---|---|
| **Display Technology** | Active Matrix Three 1.3 polysilicon | Active Matrix Three 1.3 polysilicon | Active Matrix Three 1.3 polysilicon |
| **Resolution** | 640 x 480 | 640 x 480 | 640 x 480 |
| **Brightness** | 500 ANSI lumens | 350 ANSI lumens | 350 ANSI lumens |
| **Maximum Image Size** *(measured diagonally)* | 400 in. | 300 in. | 300 in. |
| **Colors** | 16.7 million | 16.7 million | 16.7 million |

# Polaview 110 LCD Projector

|  | Polaroid Polaview 110 | Epson ELP-3300 | In Focus LitePro 580 |
|---|---|---|---|
| **Speakers** | 1 monaural | 2 stereo | 2 stereo |
| **Video Compatibility** | NTSC/PAL/ SECAM/S-Video | NTSC/PAL/ SECAM/S-Video | NTSC/PAL/ SECAM |
| **Size (WxLxH)** | 12"x17"x6.5" 30.8x43.2x16.9 cm | 11.2"x16.3"x5.9" 28.5x41.3x14.9 cm | 11.2"x13.5"x5.5" 28.4x34.3x13.9 cm |
| **Weight** | 23.1 lb./10.5 kg. | 16.9 lb./7.7 kg. | 17 lb./17.7 kg |
| **Lens** | 1.6 : 1 motorized zoom | Manual zoom | Manual zoom |
| **Keystone Correction** | 8.8° | Yes | Yes |

# Polaview 110 LCD Projector

|  | Polaroid Polaview 110 | Epson ELP-3300 | In Focus LitePro 580 |
|---|---|---|---|
| **Lamp** | 270W DC metal halide | 150W metal halide | 575W metal halide |
| **Cyclops/ Presentation Control** | Yes | No | No |
| **Agency approvals** | FCC Class A, UL CSA, TUV, CE | Data N/A at press time | FCC Class A, UL CSA, TUV, CE |
| **Warranty** | 1 year on projector | 1 year on projector | 1 year on projector |
| **Cables Included** | VGA, Mac, full A/V cabling | VGA, Mac, full A/V cabling | VGA, Mac, full A/V cabling |
| **Special features** | SVGA support, wireless remote with mouse control | Free 1 year "Extra Care Roadservice program | SVGA support, wired remote control option |

## Competition-at-a-glance – 2

| | Polaroid<br>Polaview 110 | NEC<br>MultiSync MT | Panasonic<br>Data Pro Lite III<br>PTL390U |
|---|---|---|---|
| **Display Technology** | Active Matrix Three 1.3 polysilicon | Active Matrix One 3" amorphous silicon | Active Matrix Three 1.3 polysilicon |
| **Resolution** | 640 x 480 | 640 x 480 | 640 x 480 |
| **Brightness** | 500 ANSI lumens | 250 ANSI lumens | 350 ANSI lumens |
| **Maximum Image Size** *(measured diagonally)* | 400 in. | 200 in. | 300 in. |
| **Colors** | 16.7 million | 16.7 million | 16.7 million |

# Polaview 110 LCD Projector



|  | **Polaroid Polaview 110** | **NEC MultiSync MT** | **Panasonic Data Pro Lite III PTL390U** |
|---|---|---|---|
| **Speakers** | 1 monaural | 1 monaural | 1 monaural |
| **Video Compatibility** | NTSC/PAL/ SECAM/S-Video | NTSC/PAL/ | NTSC/PAL/ S-Video |
| **Size (WxLxH)** | 12"x17"x6.5" 30.8x43.2x16.9 cm | 11.2"x21"x15" 28.4x53.3x38.1 cm | 11.2"x15.8"x6.3" 28.4x40.1x15.9 cm |
| **Weight** | 23.1 lb./10.5 kg. | 36.3 lb./16.5 kg. | 20.7 lb./9.4 kg |
| **Lens** | 1.6 : 1 motorized zoom | Manual zoom | 1.4 : 1 Manual zoom |
| **Keystone Correction** | 8.8° | 6° | Yes |

# Polaview 110 LCD Projector

**Dare to Compare**

Polaroid

|  | **Polaroid Polaview 110** | **NEC MultiSync MT** | **Panasonic Data Pro Lite III PTL390U** |
|---|---|---|---|
| **Lamp** | 270W DC metal halide | 250W metal halide | 250W metal halide |
| **Cyclops/ Presentation Control** | Yes | No | No |
| **Agency approvals** | FCC Class A, UL CSA, TUV, CE | FCC Class A, UL CSA, ACGIH | FCC Class A, ULC, cUL |
| **Warranty** | 1 year on projector | 1 year on projector | 1 year on projector |
| **Cables Included** | VGA, Mac, full A/V cabling | VGA, Mac, full A/V cabling | VGA, Mac, full A/V cabling |
| **Special features** | SVGA support, wireless remote with mouse control |  | SVGA support, wireless remote w/mouse control |

## Competition-at-a-glance – 3

|  | Polaroid<br>Polaview 110 | Sharp<br>XG-E1000U |
|---|---|---|
| **Display Technology** | Active Matrix Three 1.3 polysilicon | Active Matrix Three 1.3 polysilicon |
| **Resolution** | 640 x 480 | 640 x 480 |
| **Brightness** | 500 ANSI lumens | 600 ANSI lumens |
| **Maximum Image Size** *(measured diagonally)* | 400 in. | 300 in. |
| **Colors** | 16.7 million | 16.7 million |

# Polaview 110 LCD Projector



|  | **Polaroid Polaview 110** | **Sharp XG-E1000U** |
| --- | --- | --- |
| **Speakers** | 1 monaural | 1 monaural |
| **Video Compatibility** | NTSC/PAL/ SECAM/S-Video | NTSC/PAL/SECAM |
| **Size (WxLxH)** | 12"x17"x6.5" 30.8x43.2x16.9 cm | 20.5"x9.1"x17.7" 52.1x23.1x44.9 cm |
| **Weight** | 23.1 lb./10.5 kg. | 35 lb./15.9 kg |
| **Lens** | 1.6 : 1 Motorized zoom | 1.6 : 1 Power zoom |
| **Keystone Correction** | 8.8° | 8.8° variable correction |

# Polaview 110 LCD Projector

|                                     | Polaroid<br>Polaview 110                              | Sharp<br>XG-E1000U                              |
| ----------------------------------- | ----------------------------------------------------- | ----------------------------------------------- |
| **Lamp**                            | 270W DC metal halide                                  | 350W metal halide                               |
| **Cyclops/Presentation Control**    | Yes                                                   | No                                              |
| **Agency approvals**                | FCC Class A, UL<br>CSA, TUV, CE                        | Data not available<br>at press time             |
| **Warranty**                        | 1 year on projector                                   | 1 year on projector                             |
| **Cables Included**                 | VGA, Mac,<br>full A/V cabling                          | VGA, Mac,<br>A/V adapters                        |
| **Special features**                | SVGA support,<br>wireless remote<br>with mouse control | SVGA support,<br>wireless remote<br>w/mouse control |

## The Polaview 110 LCD Projector competitive advantage

| When compared to: | Epson ELP-3300 |
|---|---|
| **The Polaview 110 advantage:** | • Produces a 43% brighter image |
| | • Produces a 33% larger image |
| | • Has a motorized 1.6:1 zoom lens |
| | • Offers optional Cyclops compatibility for point-and-click remote mouse control |

# Polaview 110 LCD Projector

**When compared to:** **In Focus LitePro 580**

**The Polaview 110 advantage:**
- Produces a 43% brighter image

- Has two computer and two video inputs for flexibility in training and Presentations

- Has a motorized 1.6:1 zoom lens

- Produces a 33% larger image

- Cyclops compatibility for point-and-click remote mouse control

# Polaview 110 LCD Projector

| When compared to: | **NEC MultiSync MT** |
|---|---|
| **The Polaview 110 advantage:** | • Produces a 100% brighter image |
| | • Is 62% smaller and 36% lighter |
| | • Includes an S-Video input |
| | • Has two computer and two video inputs for flexibility in training and Presentations |
| | • Has a motorized 1.6:1 zoom lens |
| | • Offers optional Cyclops compatibility for point-and-click remote mouse control |

# Polaview 110 LCD Projector

| | |
|---|---|
| **When compared to:** | **Panasonic Data Pro Lite III PT-L39OU** |

**The Polaview 110 advantage:**

- Is 60% smaller and 34% lighter

- Produces a more uniform image that is 33% larger

- Has better color fidelity

- Has motorized 1.6:1 zoom lens

- Offers optional Cyclops compatibility for point-and-click remote mouse control

# Polaview 110 LCD Projector

**When compared to:**        **Sharp XG-E1000U**

**The Polaview 110 advantage:**

- Is 60% smaller and 34% lighter

- Produces a 33% larger image

- Polysilicon technology produces richer colors

- Offers optional Cyclops compatibility for point-and-click presentations

*Click to see more*

# Sales Support & Administration

## Statement of Internet services and support

Polaroid Customer Support Services is now offering Internet support for all Polaroid Digital Imaging Products on the Polaroid Home Web Page.  Following is a brief description of each section on the Web Page concerning Polaroid Digital Imaging (PDI) products.

### Products

• General product information is contained here.  There will be links to the following locations:

• An FTP site containing current "free" software drivers and/or patches

• FAQs - Frequently Asked Questions.  These are the top 10 (or so) most frequently asked questions and associated answers received from the US phone support organization.

• Service Page

• Home Page

## Service

E-mail service is being offered to all customers with products listed in this section.  A customer may send an E-mail with any pre-sales or post-sales question. As soon as the message is received, an automatic response lets the customer know that their message has been received and that they will be contacted via E-mail with an answer within one business day. Non-US customers are directed to the listing of international service centers.  Obviously, nothing prevents an international customer from sending an E-mail message.  All efforts will be made to answer the question. The 800 number for PDI service is listed here, as well as the phone numbers and addresses of all service centers worldwide.

The following types of questions will NOT be answered:

• sales/pricing/literature

• product repair

• products not sold in the US

For these questions, an E-mail message will be sent to that customer, referring him/her to the closest Polaroid
service center.

Efforts are under way to broaden the international support offered on the WEB site.

### Fresh stuff

This section contains any new information about Polaroid, it's products, and it's WEB site.  Any new PDI product information including new drivers and software will be located here.

### Let's get digital

This section is dedicated to the digital product line.  Currently it contains information concerning the PDC-2000 Digital Camera. This site will change periodically but will always highlight one of the digital products.

## Customer Support Services

### U.S. Service & Support Information

*Telephone Assistance*
For technical assistance, customers in the United States call Polaroid's toll-free Technical Assistance Hotline at 1-800-432-5355. The hours of operation are Monday through Friday, 8 A.M. to 8 P.M EST. Our highly trained specialists can answer questions, from general to specific technical issues.

When calling with a technical question, ask for an Electronic Imaging or Digital Imaging Specialist. Please identify the Polaroid product/model, computer and video card you are using before describing the issue. Also, (if possible) have the equipment in front of you when you call.

*Technical Assistance:*
Polaroid Corporation
565 Technology Square – 3B
Cambridge, MA  02139
Phone: 800-432-5355/Fax: 781-386-9688

*Software Support*
For application software support, please contact the software manufacturer.

*Manufacturer*
Polaroid provides a one year warranty for its Polaview LCD products.

*Standard Warranty*

**Limited One Year Warranty**   Polaroid Corporation warranties the Polaview LCD products against defects for a period of one year from the date of purchase. To verify the warranty period, the sales slip or other proof of the purchase date is required.

Should this product, or any component or accessory included with it, become defective at any time during the warranty period, Polaroid Corporation will, at its discretion, either repair or replace this item, without charge, provided the product is returned to the designated servicing location (prepaid and insured).

This Limited Warranty does not apply to product damage resulting from accident, incorrect installation, unauthorized modification, misuse or abuse.

This warranty excludes all incidental and consequential damages and does not affect your statutory rights.

Note: No user-serviceable parts inside. Attempts to modify mechanical or electronic parts inside will void your warranty, and may be hazardous.

### Out-of-Box Failures
It is the reseller's responsibility to contact their local Polaroid Distribution Center regarding "out-of-box failures." Distribution will issue an RA (return authorization) number and the reseller may then return the product to Polaroid for a replacement unit.

If you believe you have an "out-of-box failure" but are not sure, you can call the toll-free Technical Assistance Hotline at 800-432-5355. The technical expert will troubleshoot the problem, confirm it is an out-of-box failure and instruct you to contact Distribution.

*Service*

If your product is under warranty, out of warranty, or covered by an extended warranty and requires service, call Polaroid Technical Assistance Hotline, toll-free, 800-432-5355. A trained technician will diagnose the problem.

If the technician determines your equipment needs service, you will be given a service RA# and will be instructed where to ship your equipment.

For complete line of Polaroid LCD Projector Products see Polaroid Home Page at **www.Polaroid.com**.

## Polaview 110 LCD Projector

| PID# | Product description | List price |
|------|---------------------|------------|
| 621684 | **Polaview 110 LCD Projector** | **$8295** |

Sharp, fully-saturated color active images achieved through polysilicon active-matrix technology. With 500 ANSI lumens and 16.7 million colors, presentations will be clear viewing in well-lit rooms.

Supports SVGA compressed images for wider computer compatibility. Plug and play allows full compatibility with IBM compatible and Macintosh platforms.

**Features:**

- Portable, completely self-contained
- Motorized 1.6:1 zoom lens
- Cordless remote mouse-like "joystick"
- Universal "auto-switching" power supply for worldwide use
- Optional "Cyclops" interactive pointer system

## Projector accessories

| PID# | Product description | List price |
|------|---------------------|------------|
| 620287 | Universal hard carrying case | $399.95 |
| 619064 | Soft carrying case | $189.95 |
| 619062 | Cyclops pointing system (A2075) | $895.00 |
| 619061 | Laser pointer for Cyclops | $295.95 |
| 619060 | PC/Windows remote software | $  99.95 |
| 619063 | Macintosh remote software | $  99.95 |
| 619058 | Maintenance kit | $159.95 |
| 622191 | Polaview 110 remote control (spare) | $  99.95 |

## Polaview 110 spare parts list

| Product description | Part number |
|---|---|
| Lamp (Polaview 110) | 160-00084 |
| Power cord (black) North America (Polaview 110) | C1002-10 |
| Power cord UK | C1004-10 |
| Power cord Italy | C1003-10 |
| Power cord Europe | C1001-10 |
| Control serial cable (Polaview 110) | C151-10 |
| S-video cable | C152-10 |

| Product description | Part number |
| --- | --- |
| Mini-jack to RCA cable | C5105 |
| VGA Audio cable | C551-6 |
| Lens cap (Polaview 105/110) | 280-00168 |
| Air filter | 280-00153 |
| Cyclops F/X Driver kit | A50 |
| Cyclops | A2075 |

## Polaview Projector Product Positioning

**Polaview 10**  **Super portable, low cost VGA projector**
VGA 640 x 480
Adequate for most lighting conditions
Laptop size under 10 lbs.
$5,995

**Polaview 110**  **Best VGA projector for well-lighted environments and business graphics applications**

VGA 640 x 480

SVGA 800 x 600 compressed

Rich saturated colors

High brightness

24 lbs. (10.8 kg.)

$8,295

**Polaview 220**

**Best SVGA projector**
**Best projector for video and full**
**color/photographic images**

SVGA 800 x 600

Full screen VGA (640 x 480)

Excellent uniformity

No LCD "screen door" effect minimum pixelization

Best video and full color imagery

23 lbs. (10.35 kg.)

$10,900

**Polaview 305**    **Portable high-resolution projector (Compared to competitive CRT and LCD projectors)**
**Optional Adobe Acrobat Player System for presentation without connecting a PC**

XGA 1024 x 768

VGA (640 x 480) to EWS (1280 x 1024) compatibility

High detail/resolution

31 lbs. (13.95 kg.)

$16,995

# Polaview 110 LCD Projector